

Delaware's Restore Clean Water Action Items

January 1, 2012 – December 31, 2013 Delaware's Programmatic Two-Year Milestones

Target Date	Milestone (DRAFT Phase 2 WIP Section Reference)	Deliverable	Lead Agency	Comments/Status Updates
Stormwater				
3/2012	Revise & update existing DE Sediment & Stormwater Regulations (Section 7.1.1.4)	Regulations	DNREC	Effective date near third quarter 2012
12/2012	Draft of new Industrial Storm Water Regulations (Section 7.1.2.1.4 & 5.4)	Regulations	DNREC, Surface Water Discharges Section (SWDS)	Regulatory promulgation is expected to occur in 2014
12/2012	Draft of BMP manual for industrial stormwater sites (Section 7.2.2.1)	Manual	DNREC, SWDS	
12/2013	Stormwater retrofit for Seaford Central Elementary	Project	DNREC, SWDS	Enlarging a dry pond to receive runoff from untreated areas, and converting the dry pond to a bioretention system. Drainage area = 5 acres +/-
12/2013	Stormwater retrofit for City of Seaford.	Project	DNREC, SWDS	Includes a dry pond conversion to a wet pond; addition of a new wet pond; and existing dry pond conversion to a shallow wetland system. Drainage area = 180 acres +/-
Wastewater				
Early 2012	General NPDES permit program for Aquatic Pesticide applications (Section 5.1.1)	Permit Program	DNREC, SWDS	Working on promulgation of the regulations. Expected to have regulations in place in January 2012.
First Quarter 2012	Current Invista permitted nitrogen load reduced by 60% (Section 5.4)	Permitted load reduction	DNREC, SWDS	This permit (DE0000035) has been administratively extended. Invista scaled down and invested in new equipment. Package plant testing will be conducted in December 2011 thru February 2012. Expected operational start date for

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				package plant in summer of 2012.
2012-2013	Revise and renew NPDES permits for the towns of Bridgeville and Seaford. Revised permits will include a compliance schedule with measurable goals to meet the new wasteload nutrient requirements of the WIP. (Section 5.4)	Permitted load reduction	DNREC, SWDS	The Bridgeville permit (DE0020249) has also been administratively extended and is anticipated that it will be renewed during the first quarter of 2012.
2012-2013	The Surface Water Discharges Section (SWDS) remains committed to reducing the NPDES permitting backlog in Delaware.	New Staff	DNREC, SWDS	An option the SWDS is exploring is hiring a seasonal employee to assist us on the permit backlog. There are challenges with this plan as funding is very limited for seasonal employees as well as the availability of trained personnel that could assist us in permit writing is very limited.
On-site wastewater				
1/2012	Mapping of large On-site Wastewater Treatment and Disposal Systems (OWTDS) (Section 6.1.1.2)	Map	DNREC, Ground Water Discharges Section (GWDS)	
2012	Revising and updating on-site and spray irrigation regulations (Section 6.1.1.2)	Regulations	DNREC, GWDS	The GWDS is anticipating going to Public Hearing in 2012
Agriculture				
2012	Spearhead an effort to examine the best approach for a Certainly Program in Delaware.		DDA, DNREC, USDA (NRCS), EPA, Universities, Nutrient Management Commission	This effort is in the very early stages of development. We require an affirmation from EPA and USDA concerning the concepts we have discussed before moving forward. In addition, we will be assessing the potential "buy-in" from the regulated community before finalizing any program strategy.

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2012	DNREC, DDA, and USDA will continue working together to coordinate federal and state funding of the most effective conservation practices to reduce nutrient and sediment loads.	Coordinated funding	DNREC, DDA, and USDA	
FY2014	DNREC and DDA will pursue additional state funding for cover crops in the FY14 budget.	Additional funding	DNREC, DDA	
Spring 2012	Delaware plans to host a P-Index Conference within the state (Section 9.4.1.1)	Conference	DDA	
2012	Research project investigating innovative manure-to-energy technologies and the creation of marketable fertilizer products that generate farm income	Research Project	Natural Resources Conservation Service	Funded by Fish & Wildlife Foundation Grant
2012	Conservation Outreach to Non-English Speaking Poultry Growers	Public Outreach	Maryland Association of Soil Conservation Districts	
2012	Demonstrate an innovative and highly effective flooring system for reducing ammonia emissions in chicken houses	Research Project	DDA	
Planning & Landuse				
12/2012	Work with the Chesapeake Bay Program to receive model credit for urban fertilizer phosphorus bans in neighboring states (Section 8.1.2.1)	Model credit	DNREC/DDA	
12/2013	Master Plans and/or validate build out scenarios for Bridgeville Sewer District; Laurel Sewer District; and Seaford Sewer District (Section 8.2.1)	3 Plans	University of Delaware (UD)/Office of State Planning Coordination (OSPC)	
12/2013	Update base watershed build out model to include 2010 census (Section 8.2.1)	Model update	UD	

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12/2013	Adopt statewide Offset Regulations (Section 8.2.2.2). Key steps proposed in the State Action Notice are identified below: <ul style="list-style-type: none"> • Create Regulatory Advisory Council – Winter 2011 • Develop draft regulation – by July 2012 • Public workshops – September 2012 • Revise draft regulation – November 2012 • Publish in Register – December 2012 • Public hearing – January 2013 • Effective date – March 2013 	Regulations	DNREC	
12/2013	The Office of State Planning and Coordination and Sussex County will review approved development projects within the last five years to determine which projects may be sun-set. This information will be provided to EPA's Chesapeake Bay Program to be considered in nutrient loading calculations for Delaware's TMDL allocation.	Planning/Mo del Input	OSPC/Sussex County	
10/2013	Review of the Kent County Comprehensive Plan	Planning	OSPC/Kent County	The next update of the plan is due by October 2018.
Public Lands				
12/2012	Establish BMP tracking database (Section 11.1.1.2)	Database	DNREC/DDA	
12/2012	Internal decision will be made whether cover crops and buffers will be required on DNREC Ag leased lands (Section 11.1.1.2)	Policy Decision	DNREC	
6/2012	Analyze all State owned lands for reforestation/afforestation opportunities (Section 11.1.1.2)	Internal review	DNREC	

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6/2012	Review tax ditch management	Internal review	DNREC	
6/2012	Review effectiveness of stormwater facilities	Internal review	DNREC	
6/2012	Review Tributary Action Teams recommendations for consistency	Internal review	DNREC	
Federal Lands				
2012	Establish baseline loadings and retrofit opportunities at both the Pigman Armory (10A90) and Seaford Readiness Center (10A65)	Opportunities list	Army National Guard Reserves	
2012	The Pigman Armory and Seaford Readiness Center will continue to support Delaware's WIP Phase II processes in 2012 and 2013.	WIP implementation	Army National Guard Reserves	
2012	The Pigman Armory and Seaford Readiness Center will continue to implement the Army Policy for Sustainable Design and Development (SDD), October 2010 and Low Impact Development (LID) under the Energy Independence and Security Act of 2007 (EISA) as a means to manage stormwater for all future construction and maintenance projects.	Managed stormwater	Army National Guard Reserves	Currently there are no new construction projects scheduled through 2018.
Communications				
2012	Develop and implement a Communications Marketing Plan	Public Outreach	DNREC and Communications Team	